



FIGURE 5A: MOUSE AIB1 (pCIP) INTRON/EXON BOUNDARIES

Exon	cDNA		3'intron	Exon sequence		5'intron
	bp	bp		(5' to 3')	splice site	
			</			

FIGURE 5B: MOUSE AIB1 (pCIP) INTRON/EXON BOUNDARIES

Exon	cDNA bp	cDNA bp	3'intron	Exon sequence		5'intron
				splice site	(5' to 3')	
15	2784		TGAGCCCTCCCTAATTTAG	GCCCAACAGAAATGTTCT		
15		3095			GCAGCAGATGCTTCAATGA	GTAGCTGTCCCTTCAATA
16	3096		ATTTGATTTGCTCCCCCAG	GAACTGGTGAGATTCCCATG		
16		3222			CCTCACGGGCTCAAAATAG	GTAGGTTTTATTTTGGGAT
17	3223		TGACTCAGCTCTCTCTAG	GCCCTCTCTAGAAACTCTC		
17		3394			TTCTGAGCTCGTGAATCAG	GTGAGTTGCAATCTGTGAG
18	3395		CTTTGTGTTGATGTTTAAAG	GGACAAGCTTTGGAGTCCAA		
18		3688			AGAGGCTACAGGGCCAGCAG	GTAAGACCGGGCTGCAGGG
19	3689		ACTAACCCAACTCTGTTCAAG	TTTTTAATCAGAGCCGGCA		
19		3772			TGAGGCCATGATGCCCCAG	GTACGTTCCCTGCAGAGAAG
20	3773		TGTCCTTGCGCTACCAGCAG	GCTTTCCTTAATGCCCAAT		
20		3989			TCCATATCCAGCAAAATTACG	GTAAACCTGTCAGATTGTGC
21	3990		TTTCTGTTCAATTTCTTTAAG	GAATGGACAACCAACAGAG		
21		4164			GGGAACCTGGCCAAGAAITGG	GTAAAGATGGGACTTACTTT
22	4165		CTGTTACCCCTTTCTTTGCAAG	CTCCTTCCCCCAGCAGCAGT		
22		4306			TGCCCATGGGCCCGATCAG	GTACGGGCATCTAATCTTAC
23	4307		CTGTGTTCTCTGTTAACAG	AAATACTGCTGACATCTCCC		
23		4622				

FIGURE 6A: HUMAN AIB1 INTRON/EXON BOUNDARIES

cDNA bp		cDNA bp		3'intron		Exon sequence (5' to 3')		5'intron	
Exon	5'exon	3'exon		splice site				splice site	
1		102				GAGGAAAATGGCGCGGGAG	GTGAGTGGAGATAAAGGAGG		
2	103		CCTCTTCTTTTGTCTCAG	GATCAAAATACTTGCTGGAT		TCCTTTGACTGGTTAGCCAG	GTAATTCAGCTTAGTTGA		
2		181				TTCTCATTTATCTCTCTAG	TTGCTGATGTAATTCAGA		
3	182						TGTGATACTCCAGGACAAGG	GTAGGTGACTTATTTCTCTGG	
3		283				TTCTACGCGCTTTCCCTTAG	TCTTACCTGCAGTGGTGAAA		
4	284						ACGTCAAATAAAGAGCAAG	GTAATTAACAACTCATGTC	
4		456							
5	457		ACCACCTTCTGTCTTTTCAG	GAAAAACTATTTCCAATGAT		TAGGACCGCTTTTACTTCAG	GCAAGTAATAAGATTTTAAC		
5		557							
6	558		ATTACATATCCTAATTTTAG	GCATTGGATGGTTTCTAATT		GAAATTTACCAAAATCTACAG	GTAGGCTTTTAATGTGTATT		
6		732							
7	733		TTTCAATTTGTTTCCAAAG	TTAATGGAGTTTCTCGACA		TATGATGGAGGAAGGGGAAG	GTAAGAGCTATTATATGTTT		
7		921							
8	922		GGGTGAATTTTATTTAGTAG	ATTTGCAATCTTGATGATC		TACCAGACATGATCTTTTCAG	GTAAAAATCTTTTTTGTCC		
8		1023							
9	1024		TTCCTTTTTTTGTTTAATAG	GAAAGGTTGTCAATATAGAT		GAAACGTCACTATCAAGAAG	GTAAAGAATTTTGGGGTTGA		
9		1164							
10	1165		TGGGATATTTTCCCAACAG	CTTATCTTAATGGCCATGCA		TCAACCCCACTTCCTTCAGAG	GTAATGATAGATTACTGTGT		
10		1312							
11	1313		GTTTGATGTTTGTTTTCAG	AGAACAGAAATGGAATATAGAC		TCAGTTTCTCCTGTTGCAG	GTAATTTGTGTTGACATTTCC		
11		1704							
12	1705		AAATTTTTTTTCAAAATTCAG	GTGTGCACCTCTCCCATGGCA		AGACAGAGACAAGTGAAGAG	GTAATTTGTTTCTGTATAT		
12		2576							
13	2577		TTTTAAACCTTATTTTCAG	GGATCTGGAGACTTGATAA		TCAAGGAACTAATTCCTCTGG	GTAAGAAATGAACTAGGTTTT		
13		2712							

FIGURE 6B: HUMAN AIB1 INTRON/EXON BOUNDARIES

Exon	cDNA bp	cDNA bp	3'intron		Exon sequence		5'intron
			splice site		(5' to 3')	splice site	
14	2713	2907	TTGTATTGTTTTCACAG	GTTTGAAAAAGTTCACAGTCT	AAATTATGGCTCAAGTATGG	GTATGTTATTTCTAATTAGT	
14			AGTATGGCTACCTGTTTTAG	GTGGGCCAAACCGAAATGTG	TCTCATGGCACTCAAATAG	GTGGGTGTTATTTGTGAC	
15	2908	3280	GATTGCAAGTCTTTTTCTAG	GCCTCTTCTTAGGAATTTCCC	TTCTGAACTTGTCATCAG	GTAGTTGCATTAACATGGA	
16	3281	3452	TTTTATGTGTTGTTTAAAG	GGACAGGCATTAGAGCCCAA	AGAGGCTGCAGGGCCAGCAG	GTAAACCAGTCATGTGTTCTT	
17	3453	3746	ACCAACTTGTCTCACCCTCAG	TTTTTGAATCAGAGCCGACA	GGCCTATGATGCAGCCCCAG	GTGAGCTCCAGGTGAGGAT	
18	3747	3839	CACTCTTCTTGGGTAATTAG	CAGGGTTTCTTAAATGCTCA	TCCATATCAACCAAAATTATG	GTAAATCTGACAATGAAAT	
19	3840	4134	TTCTGTTTATTTTTGTAAAG	GAATGGGACAACAACCAAGAT	GGAAATTTGGCCAGGAACAG	GTAAAGAACAGTGACTTATA	
20	4135	4309	TACCATTGTTTACTTACAG	CTCCTTTTCCACAGCAGCAGT	TGCCTATGGGTCTCTGATCAG	GTATGGGATCGATTCTTAC	
21	4310	4450	TTTTTCTGTTGCTGACAG	AAATACTGCTGACATCTCTG			
22	4451						
(18)							